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STRUCTURAL SERVICE DATA *and* STANDARDS

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SUB-DIVISION

CHAPTER 8 *of a series on* STRUCTURAL SLATE LAUNDRY TUBS, SINKS AND SINK TOPS

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THE STRUCTURAL SLATE COMPANY

PEN ARGYL, PENNSYLVANIA

Representing the majority of the Producers in the
PENNSYLVANIA SLATE DISTRICT

Compiled by the Structural Service Bureau Co-operating with
the Producers and D. KNICKERBACHER BOYD, Architectural Adviser
and Structural Standardist

This Publication, bearing date of July 10th, 1921, is of the Standard 8½ x 11 size recommended by the American Institute of Architects, and is intended for the Files of Architects, Engineers and Constructors

PREFACE

The use of Structural Slate for two of the most important fixtures of housekeeping, namely—the Kitchen Sink and the Laundry Tub,—has been a long established custom where permanency and resistance to wear and tear are essential. But it is not alone in the house that these fixtures have been extensively used; in Industrial Establishments, Hospitals, Schools and Colleges or wherever stability and long usage are a part of the requirements, slate has been an important factor.

The many excellent characteristics of Structural Slate adapt themselves well to these two uses. Its qualities of being easily kept clean and sanitary, in combination with its tensile strength, which resists wear and rough usage, are unexcelled.

In the desire to place at the service of users of Structural Slate the years of experience in the production of this material, the Structural Slate Co., of Pen Argyl, Penna., is now having made a thorough study of the best methods of quarrying, assembling and finishing, together with recommendations as to standardized sizes for all types of installations.

This Company, an organization comprising the majority of the producers of Structural Slate in Northampton and Lehigh Counties, Penna., has, in conjunction with the Structural Service Bureau of Philadelphia, which is conducting the investigations, published the completed material as rapidly as it is being finished. This is the eighth of such Chapters, each of which is devoted to data, descriptions and drawings of separate types of installations of slate. Those already distributed are:

- Chapter 1.—Origin and Geologic Data. *Commercial Grading and Standard Finishes.***
- Chapter 2.—Basic Specifications. *Essential Information and Preparatory Work.***
- Chapter 3.—Stairways. *Specification, Details and Data concerning Stairways.***
- Chapter 4.—Fittings. *Illustrating and describing those used with Structural Slate.***
- Chapter 5.—Toilet Enclosures. *Standardized Sizes and Parts, Drawings and Specifications.***
- Chapter 6.—Urinal Stalls. *Standardized Sizes and Parts, Drawings and Specifications.***
- Chapter 7.—Shower Stalls. *Standardized Sizes and Parts, Drawings and Specifications.***

While the Laundry Tubs, Sinks and Sink Tops described and priced within this Chapter are of the standard sizes and arrangements recommended by the Structural Slate Co., the organization of the Company is such and its stock of available rough slabs so large that any kind and dimension to suit special requirements can be produced within a reasonable cost and length of time. The adoption of these Industry standards where it is possible to use them, it is hoped will simplify the laying out of the plans of buildings. It will also enable the quarries to continuously produce the finished slabs throughout the year, keeping large stocks of the standard sized installations constantly on hand for immediate delivery, thus reducing the ultimate cost to the consumer.

CHAPTER EIGHT

of a series on

STRUCTURAL SLATE

LAUNDRY TUBS, SINKS AND SINK TOPS

STANDARDIZATION AND WORKMANSHIP

An analysis of the sizes called for in the orders received by the various producers forming the Structural Slate Co., has shown that by far the majority of installations of both Tubs and Sinks are confined to a comparatively few dimensions.

As a result, it will be found that certain of the sizes are given as "Standards" and these will be kept continuously in stock, with all pieces fitted together ready for shipment. In the other sizes, the parts will be kept in stock for immediate drilling of holes and assembling, there being but little delay in delivery. In addition, there are, of course, the special sizes and arrangements which can be developed from the rough stock.

In all cases both the Sinks, Sink Tops and Laundry Tubs are shipped with all slate, nuts, screws, and all fittings complete except for the plumbing fixtures and the supports called for, all as described on the various pages. The thickness of materials used in assembling them are shown in all drawings and at a larger scale in the details on page 21. These details and methods of assembling the slate were adopted as a result of constant improvement upon older methods and are recommended as giving the maximum of stability in each of the various types.

LAUNDRY TUBS

Constant usage for many years has developed three simple types of installations of Laundry Tubs, comprising all that is required for utility. Each of these types is shown within this Chapter. There are also three sizes of tubs shown and priced, but only the Size No. 1 will be kept constantly in stock, as there is very little call for the other sizes. They can, however, be made up at once from the slabs on hand.

The height of the top of the laundry tub when set is usually $32\frac{1}{2}$ " above the floor, although a variation of an inch or two either way is not unusual. The various types of tubs are as follows:

Type A: The most economical type of tub, with slate ends, partitions, front and back. All parts are made up in one piece up to three tub installations.

Type B: Similar to Type A, except the back extends 12" above top of tub, forming a solid support for the faucets and plumbing pipes. This type can also be fastened to the wall with brackets if desired.

Type C: Similar to Type B, except that a work space is provided between the back slab and the wall, with slate cover and end pieces. This allows all plumbing pipes to be concealed behind slate work, showing only the faucets themselves.

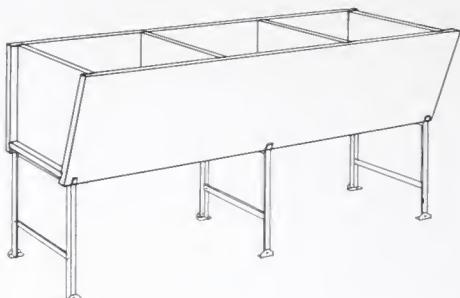
Type D: Combination Sink and Laundry Tub. This type has been developed for use in Apartments and Small Houses where a minimum of space can be provided. All parts and the back are of slate, including the drain-board. The tub is similar to Type B Tub.

SINKS AND SINK TOPS

In describing the various types of Sinks and Sink Tops, attention should be directed to the two different types of drain-boards which have been adopted as standards. They are both shown on the drawings and on the detail on Page 21. The regular type, which will be furnished unless the alternate type is called for, has grooves draining into the sink in addition to the countersinking. The alternate type is countersunk only.

All types can be furnished with or without backs or splash boards, the regular type as drawn and as will be furnished including the slate backs. Also, either one or two ends may be supplied if desired and if specified. This is set forth on the pages of descriptions and prices. All backs are chamfered at the edges and the corners are rounded as shown. Unless otherwise called for, they will be furnished 12" high above drain-board.

LAUNDRY TUBS ~ PYRAMID TYPE A



NOTE:- The supports shown here are for illustration only. The kind to be used should be specified.

DESCRIPTION OF PYRAMID TYPE A LAUNDRY TUBS

Slate backs, fronts and bottoms are in one piece up to three compartments in length. All slate is $1\frac{1}{4}$ " thick, with ends and partitions let into backs, fronts and bottoms. Fronts have a slope of 6".

NOTE: Size No. 1 Laundry Tub, 24" long x 24" wide, up to three compartments in length, is kept constantly in stock for immediate shipment. Sizes Nos. 2 and 3 are made up from stock slabs as ordered.

Unless otherwise specified tubs will be furnished in Ribbon stock with all exposed surfaces Standard Sand Rubbed, and with all arrises or sharp corners finished smooth.

All required angles, screws, bolts and nuts are included and will be furnished of brass nickel plated, if exposed. All screws are leaded in and covered.

Type A Laundry Tubs, as illustrated and priced, with weight given in pounds, include all slate, drilling of holes and fittings for a complete installation as described, but do not include legs, frames or brackets for supports or the water supplies, faucets, drains or plumbing equipment.

NOTE: Any supports, fittings, trimmings and accessories other than the angles, screws, bolts and nuts required for construction may be selected from Chapter 4 on Fittings or from other sources and should be specified accordingly.

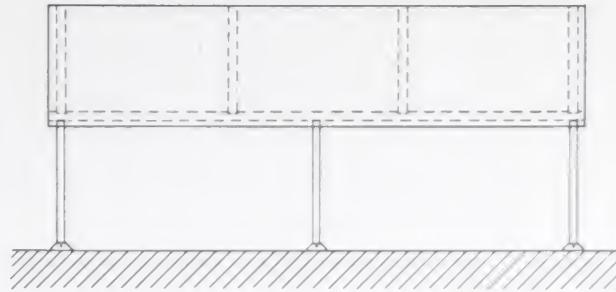
RIBBON STOCK ~ STANDARD SAND RUBBED FINISH

	ONE COMPARTMENT PRICE	ONE COMPARTMENT WEIGHT	TWO COMPARTMENTS PRICE	TWO COMPARTMENTS WEIGHT	THREE COMPARTMENTS PRICE	THREE COMPARTMENTS WEIGHT
SIZE No. 1 24" LONG X 24" WIDE	\$15.00	270 LBS	\$23.25	470 LBS	\$32.75	680 LBS.
SIZE No. 2 AS BELOW X 24" WIDE	18.75	340	26.00	530	35.50	735
SIZE No. 3 AS BELOW X 24" WIDE	22.50	405	29.00	585	38.25	795

OVER-ALL DIMENSIONS

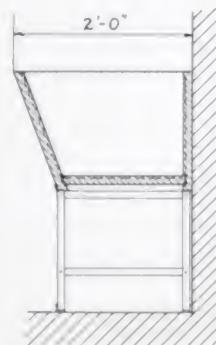
SIZE No. 1.			SIZE No. 2.			SIZE No. 3.		
1 COMPARTMENT	2 COMPARTMENTS	3 COMPARTMENTS	1 COMPARTMENT	2 COMPARTMENTS	3 COMPARTMENTS	1 COMPARTMENT	2 COMPARTMENTS	3 COMPARTMENTS
24" X 24"	48" X 24"	72" X 24"	30" X 24"	54" X 24"	78" X 24"	36" X 24"	60" X 24"	84" X 24"

DRAWINGS OF LAUNDRY TUBS TYPE A

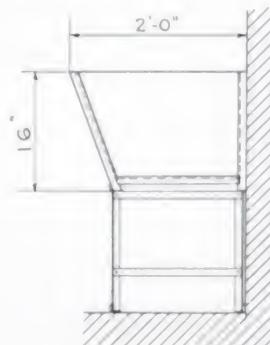


FRONT ELEVATION

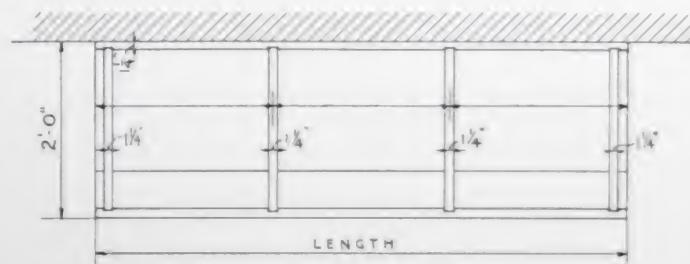
Note - The supports shown here are for illustration only. The kind to be used should be specified.



SECTION

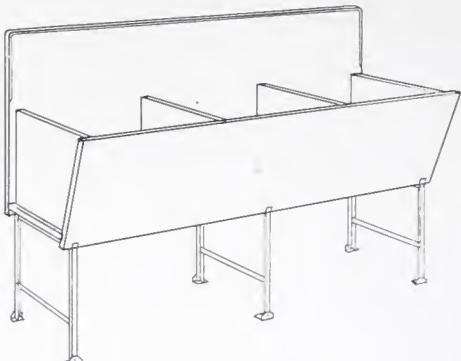


END ELEVATION



PLAN

LAUNDRY TUBS ~ PYRAMID TYPE B



NOTE:- The supports shown here are for illustration only. The kind to be used should be specified.

DESCRIPTION OF PYRAMID TYPE B LAUNDRY TUBS

Slate backs, fronts and bottoms are in one piece up to three compartments in length. All slate is $1\frac{1}{4}$ " thick, with ends and partitions let into backs, fronts and bottoms. Fronts have a slope of 6". Backs are 12" high above top of tub, with top and end edges chamfered.

NOTE: Size No. 1 Laundry Tub, 24" long x 24" wide, up to three compartments in length, is kept constantly in stock for immediate shipment. Sizes Nos. 2 and 3 are made up from stock slabs as ordered.

Unless otherwise specified tubs will be furnished in Ribbon Stock with all exposed surfaces Standard Sand Rubbed, and with all arrises or sharp corners finished smooth.

All required angles, screws, bolts and nuts are included and will be furnished of brass nickel plated, if exposed. All screws are leaded in and covered.

Type B Laundry Tubs, as illustrated and priced, with weight given in pounds, include all slate, drilling of holes and fittings for a complete installation as described, but do not include legs, frames or brackets for supports or the water supplies, faucets, drains or plumbing equipment.

NOTE: Any supports, fittings, trimmings and accessories other than the angles, screws, bolts and nuts required for construction may be selected from Chapter 4 on Fittings or from other sources and should be specified accordingly.

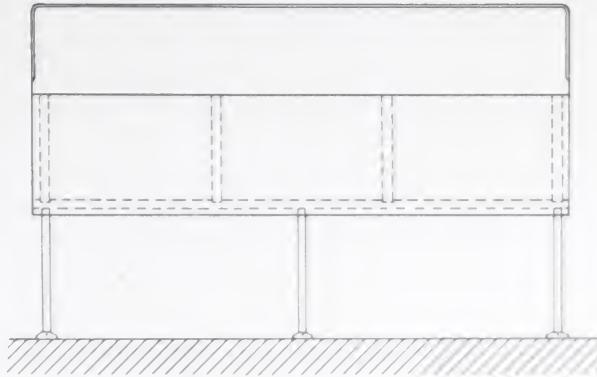
RIBBON STOCK ~ STANDARD SAND RUBBED FINISH

	ONE COMPARTMENT PRICE	WEIGHT	TWO COMPARTMENTS PRICE	WEIGHT	THREE COMPARTMENTS PRICE	WEIGHT
SIZE NO. 1 24" LONG X 24" WIDE	\$ 15.75	310 LBS	\$ 25.00	535 LBS.	\$ 36.75	800 LBS.
SIZE NO. 2 AS BELOW X 24" WIDE	19.75	385	28.00	600	39.75	870
SIZE NO. 3 AS BELOW X 24" WIDE	23.75	465	31.25	670	42.75	935

OVER-ALL DIMENSIONS

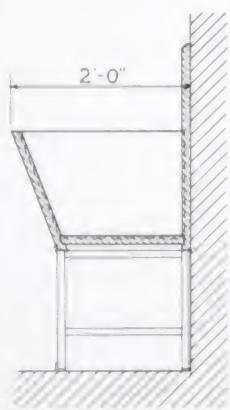
SIZE NO. 1			SIZE NO. 2			SIZE NO. 3		
1 COMPARTMENT	2 COMPARTMENTS	3 COMPARTMENTS	1 COMPARTMENT	2 COMPARTMENTS	3 COMPARTMENTS	1 COMPARTMENT	2 COMPARTMENTS	3 COMPARTMENTS
24" x 24"	48" x 24"	72" x 24"	30" x 24"	54" x 24"	78" x 24"	36" x 24"	60" x 24"	84" x 24"

DRAWINGS OF LAUNDRY TUBS ~ TYPE B

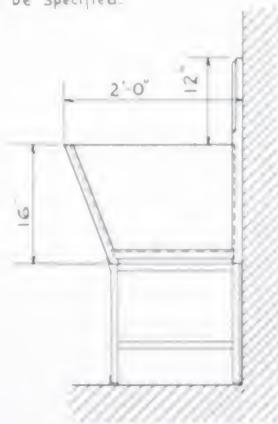


FRONT ELEVATION

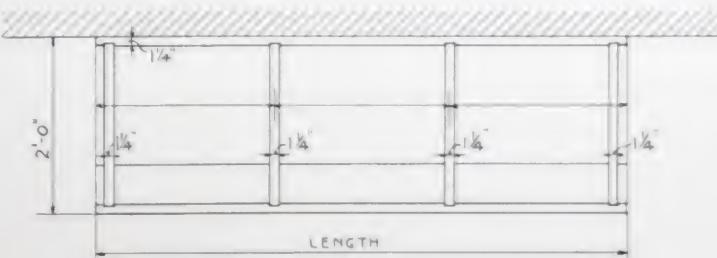
Note - The supports shown here are for illustration only. The kind to be used should be specified.



SECTION

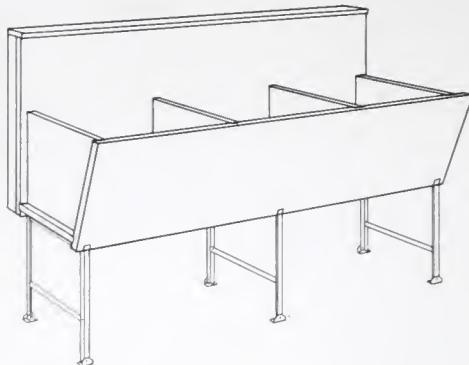


END ELEVATION



PLAN

LAUNDRY TUBS PYRAMID TYPE C



NOTE - The supports shown here are for illustration only. The kind to be used should be specified.

DESCRIPTION OF PYRAMID TYPE C LAUNDRY TUBS

Slate backs, fronts and bottoms are in one piece up to three compartments in length. All slate is $1\frac{1}{4}$ " thick, with ends and partitions let into backs, fronts and bottoms. Fronts have a slope of 6". Backs are 12" high above top of tub. Pipe space is 3" wide covered with 1" slate and closed at free standing ends with 1" slate.

NOTE: Size No. 1 Laundry Tub, 24" long x 24" wide, up to three compartments in length, is kept constantly in stock for immediate shipment. Sizes Nos. 2 and 3 are made up from stock slabs as ordered.

Unless otherwise specified tubs will be furnished in Ribbon Stock with all exposed surfaces Standard Sand Rubbed, and with all arrises or sharp corners finished smooth.

All required angles, screws, bolts and nuts are included and will be furnished of brass nickel plated, if exposed. All screws are leaded in and covered.

Type C Laundry Tubs, as illustrated and priced, with weight given in pounds, include all slate, drilling of holes and fittings for a complete installation as described, but do not include legs, frames or brackets for supports or the water supplies, faucets, drains or plumbing equipment.

NOTE: Any supports, fittings, trimmings and accessories other than the angles, screws, bolts and nuts required for construction may be selected from Chapter 4 on Fittings or from other sources and should be specified accordingly.

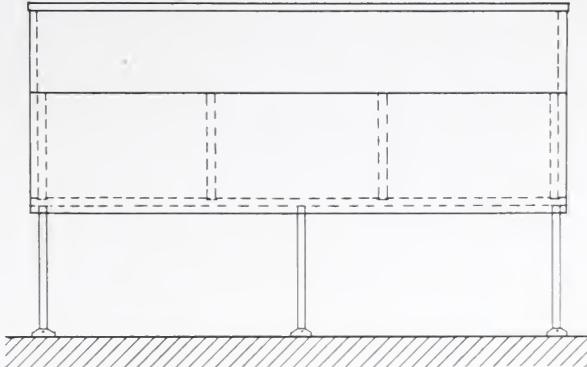
RIBBON STOCK ~ STANDARD SAND RUBBED FINISH

	ONE COMPARTMENT PRICE	ONE COMPARTMENT WEIGHT	TWO COMPARTMENTS PRICE	TWO COMPARTMENTS WEIGHT	THREE COMPARTMENTS PRICE	THREE COMPARTMENTS WEIGHT
SIZE No. 1 24" LONG X 24" WIDE	\$ 20.25	380 LBS	\$ 30.00	625 LBS	\$ 42.25	900 LBS
SIZE No. 2 AS BELOW X 24" WIDE	24.50	460	33.00	690	45.75	980
SIZE No. 3 AS BELOW X 24" WIDE	28.50	540	36.25	765	49.00	1050

OVER = ALL DIMENSIONS

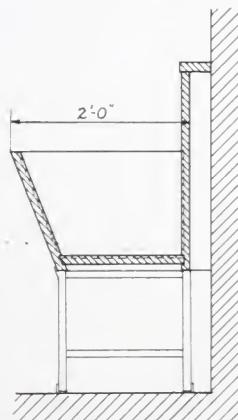
SIZE No. 1.			SIZE No. 2.			SIZE No. 3.		
1 COMPARTMENT	2 COMPARTMENTS	3 COMPARTMENTS	1 COMPARTMENT	2 COMPARTMENTS	3 COMPARTMENTS	1 COMPARTMENT	2 COMPARTMENTS	3 COMPARTMENTS
24" X 24"	48" X 24"	72" X 24"	30" X 24"	54" X 24"	78" X 24"	36" X 24"	60" X 24"	84" X 24"

DRAWINGS OF LAUNDRY TUBS ~ TYPE C

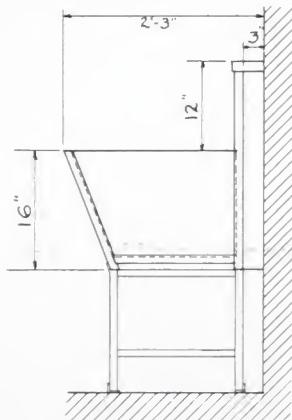


FRONT ELEVATION

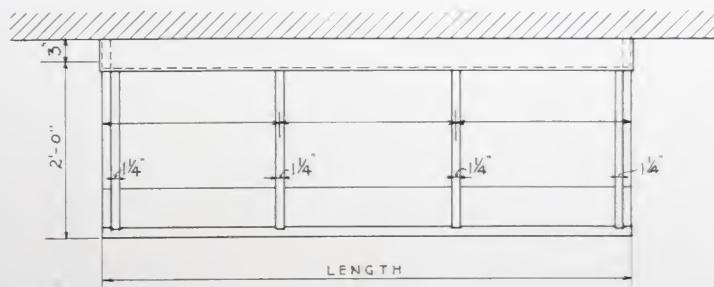
NOTE: The supports shown here are for illustration only. The kind to be used should be specified.



SECTION



END ELEVATION



PLAN

SLATE SINK AND LAUNDRY TUB ~ TYPE D



Note - The supports shown here are for illustration only. The kind to be used should be specified.

DESCRIPTION OF PYRAMID TYPE D SINK AND TUB COMBINATION

Slate backs and fronts are in one piece. All slate including bottom of sink and tub is $1\frac{1}{4}$ " thick, with ends and partitions let into backs, fronts and bottoms. Regular type drain-board has counter-sinking and grooves, alternate type drain-board is countersunk only. Backs are 12" high above top of sink and tub.

Unless otherwise specified combination sink and tub will be furnished in Ribbon Stock with all exposed surfaces Standard Sand Rubbed and with all arrises or sharp corners finished smooth.

All required angles, screws, bolts and nuts are included and will be furnished of brass nickel plated, if exposed. All screws are leaded in and covered.

Alternate type will be furnished only when specified as Type D Alternate.

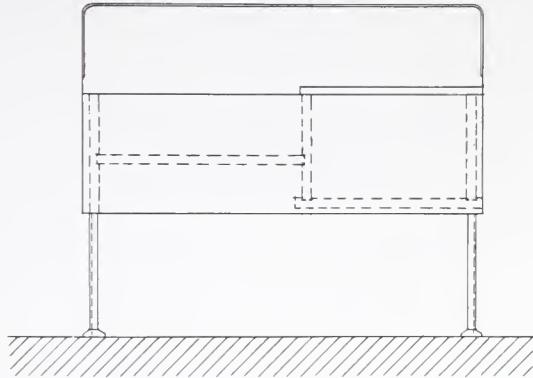
Type D Combination Sink and Tub, as illustrated and priced, with weight given in pounds, include all slate, drilling of holes and fittings for a complete installation as described, but do not include legs, frames or brackets for supports or the water supplies, faucets, drains or plumbing equipment.

NOTE: Any supports, fittings, trimmings and accessories other than the angles, screws, bolts and nuts required for construction may be selected from Chapter 4 on Fittings or from other sources and should be specified accordingly.

RIBBON STOCK ~ STANDARD SAND RUBBED FINISH

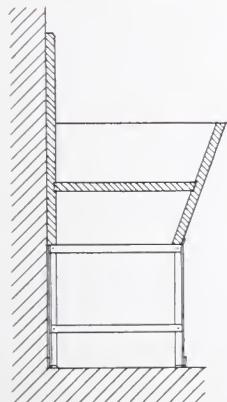
	WITH REGULAR TYPE DRAINBOARD PRICE	WEIGHT	WITH ALTERNATE TYPE DRAINBOARD PRICE	WEIGHT
SIZE No 1 48" LONG x 24" WIDE	\$ 34.75	670 LBS	\$ 32.00	670 LBS
SIZE No 2 54 LONG x 24 WIDE	38.25	745	35.50	745
SIZE No 3 60 LONG x 24 WIDE	42.25	830	39.50	830

DRAWINGS OF SINK AND LAUNDRY TUB ~ TYPE D

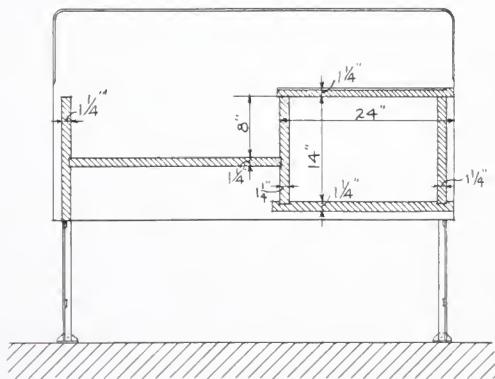


FRONT ELEVATION

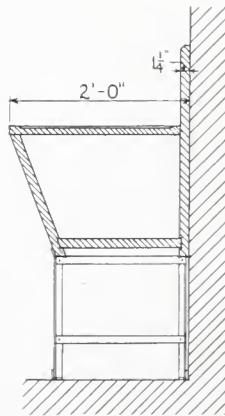
NOTE: -The supports shown here are for illustration only. The kind to be used should be specified.



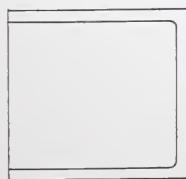
CROSS SECTION OF SINK



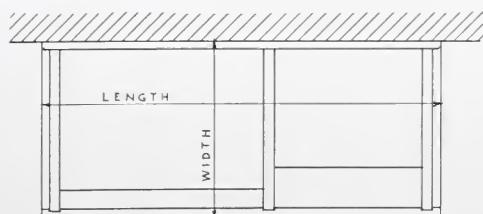
LONGITUDINAL SECTION



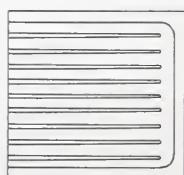
CROSS SECTION OF TUB



DRAINBOARD
ALTERNATE TYPE

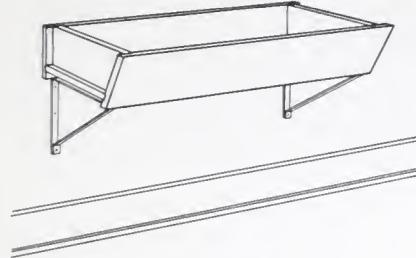


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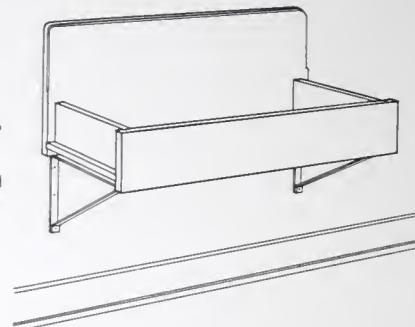


DRAINBOARD
REGULAR TYPE

SLATE SINKS ~ PYRAMID TYPE A



TYPE A1
SHOWING REGULAR TYPE WITHOUT BACK



TYPE A2 ALTERNATE
SHOWING ALTERNATE TYPE WITH 12" BACK

NOTE - The supports shown here are for illustration only. The kind to be used should be specified.

DESCRIPTION OF PYRAMID TYPE A SINKS

Slate fronts, backs, ends and bottoms are in one piece. All slate is $1\frac{1}{4}$ " thick, with ends let into backs, fronts and bottoms. Alternate type sinks have back extending 12" above top of sink, with top and end edges chamfered.

Unless otherwise specified sinks will be furnished in Ribbon stock with all exposed surfaces Standard Sand Rubbed, and with all arrises or sharp corners finished smooth.

All required angles, screws, bolts and nuts are included and will be furnished of brass nickel plated, if exposed. All screws are leaded in and covered.

Alternate type will be furnished only when specified as Type A1 Alternate or Type A2 Alternate.

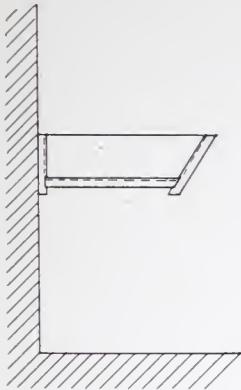
Type A1 and A2 Sinks and Alternates, as illustrated and priced, with weight given in pounds, include all slate, drilling of holes and fittings for a complete installation as described, but do not include legs, frames or brackets for supports or the water supplies, faucets, drains or plumbing equipment.

NOTE: Any supports, fittings, trimmings and accessories other than the angles, screws, bolts and nuts required for construction may be selected from Chapter 4 on Fittings or from other sources and should be specified accordingly.

RIBBON STOCK ~ STANDARD SAND RUBBED FINISH

SIZE OF SINK	TYPE A1 WITHOUT BACK		TYPE A1-ALTERNATE WITH 12" BACK		TYPE A2 WITHOUT BACK		TYPE A2-ALTERNATE WITH 12" BACK		SIZE OF SINK
	PRICE	WEIGHT	PRICE	WEIGHT	PRICE	WEIGHT	PRICE	WEIGHT	
18"X 24"	\$ 9.25	155 LBS	\$ 10.25	195 LBS	\$ 8.25	155 LBS	\$ 9.25	195 LBS	18"X 24"
18"X 30"	10.00	180	11.50	230	9.00	180	10.50	230	18"X 30"
20"X 30"	10.50	190	11.75	240	9.50	190	10.75	240	20"X 30"
20"X 36"	11.75	220	13.25	280	10.75	220	12.25	280	20"X 36"
20"X 40"	12.25	240	14.25	310	11.25	240	13.25	310	20"X 40"
22"X 30"	10.75	205	12.25	255	9.75	205	11.25	255	22"X 30"
22"X 36"	12.25	235	13.75	295	11.25	235	12.75	295	22"X 36"
22"X 42"	13.25	270	15.25	340	12.25	270	14.25	340	22"X 42"
24"X 30"	11.00	215	12.50	265	10.00	215	11.50	265	24"X 30"
24"X 36"	12.50	250	14.25	310	11.50	250	13.25	310	24"X 36"
24"X 48"	14.75	315	16.75	395	13.75	315	15.75	395	24"X 48"

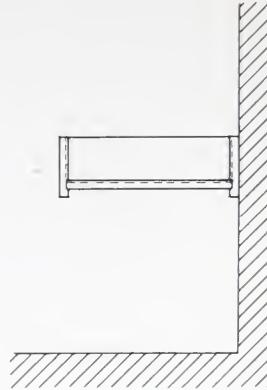
DRAWINGS OF SLATE SINKS ~ TYPE A



END ELEVATION TYPE A1

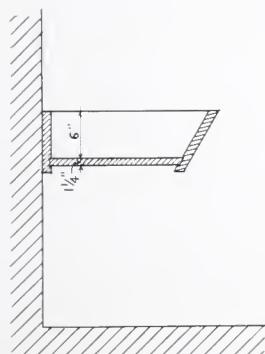


FRONT ELEVATION TYPE A1&A2

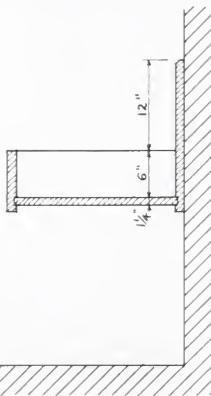


END ELEVATION TYPE A2

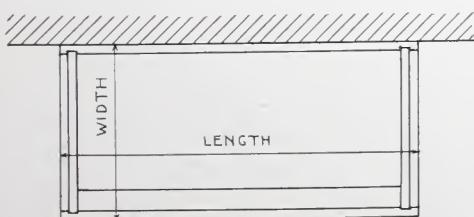
ALTERNATE TYPE A1&A2 HAS 12" BACK.



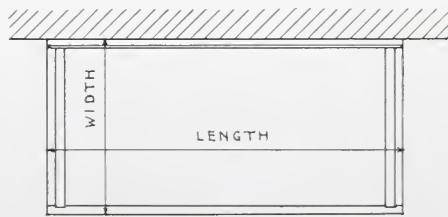
CROSS SECTION TYPE A1



CROSS SECTION TYPE A2
SHOWING ALTERNATE BACK



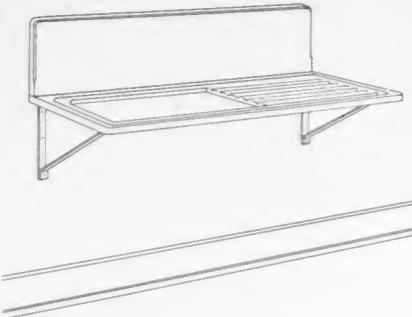
PLAN TYPE A1



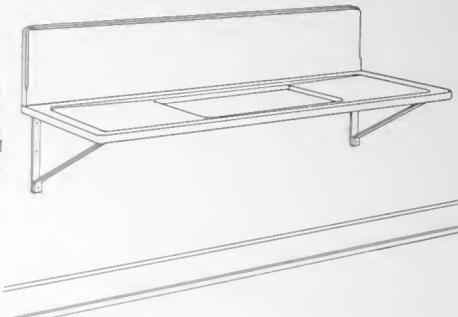
PLAN TYPE A2
SHOWING ALTERNATE BACK

SINK
24"
30"
30"
36"
40"
30"
36"
42"
30"
36"
48"

SLATE SINK TOPS ~ PYRAMID TYPE B



TYPE B1.
SHOWING REGULAR TYPE DRAINBOARD



TYPE B2 ALTERNATE
SHOWING ALTERNATE TYPE DRAINBOARD

NOTE - The supports shown here are for illustration only. The kind to be used should be specified.

DESCRIPTION OF PYRAMID TYPE B SINK TOPS

Slate drain-boards are in one piece, $1\frac{1}{4}$ " thick, with 1" thick slate back. Type B1 has drain-board on one side only, Type B2 has drain-boards both sides of sink openings. Regular drain-board has countersinking and grooves. Alternate type drain-board is countersunk only.

Unless otherwise specified sink tops will be furnished in Ribbon Stock with all exposed surfaces Standard Sand Rubbed, and with all arrises or sharp corners finished smooth.

All required angles, screws, bolts and nuts are included and will be furnished of brass nickel plated, if exposed. All screws are leaded in and covered.

Alternate type will be furnished only when specified as Type B1 Alternate or Type B2 Alternate.

Type B1 and B2 Sink Tops and Alternates as illustrated and priced, with weight given in pounds, include all slate, drilling of holes and fittings for a complete installation as described, but do not include legs, frames or brackets for supports or the water supplies, faucets, drains or plumbing equipment.

NOTE: Any supports, fittings, trimmings and accessories other than the angles, screws, bolts and nuts required for construction may be selected from Chapter 4 on Fittings or from other sources and should be specified accordingly.

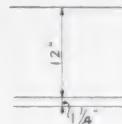
RIBBON STOCK ~ STANDARD SAND RUBBED FINISH

LENGTH OF SINK TOPS	DRAINBOARD $1\frac{1}{4}$ " THICK		DRAINBOARD $1\frac{1}{2}$ " THICK		LENGTH OF SINK TOPS	DRAINBOARD $1\frac{1}{4}$ " THICK		DRAINBOARD $1\frac{1}{2}$ " THICK	
	B1-ALTERNATE	TYPE B1	B1-ALTERNATE	TYPE B2		B1-ALTERNATE	TYPE B1	B1-ALTERNATE	TYPE B2
UP TO 4' 0"	\$15.00	\$18.80	\$17.00	\$20.80	6'-9" TO 7'-0"	\$35.00	\$41.30	\$38.50	\$44.80
4' 0" - 4' 2"	16.00	19.80	18.10	21.90	7'-0" - 7'-3"	37.00	43.30	40.60	46.90
4' 2" - 4' 4"	17.00	20.80	19.15	22.95	7'-3" - 7'-6"	39.00	45.30	42.75	49.05
4' 4" - 4' 6"	18.00	21.80	20.25	24.05	7'-6" - 7'-9"	42.00	48.30	45.85	52.15
4' 6" - 4' 8"	19.00	22.80	21.35	25.15	7'-9" - 8'-0"	44.00	50.30	48.00	54.30
4' 8" - 4' 10"	20.00	23.80	22.45	26.25	8'-0" - 8'-3"	46.00	52.30	50.15	56.45
4' 10" - 5' 0"	21.00	24.80	23.50	27.30	8'-3" - 8'-6"	48.00	54.30	52.25	58.55
5' 0" - 5' 2"	22.00	25.80	24.60	28.40	8'-6" - 8'-9"	50.00	56.30	54.35	60.65
5' 2" - 5' 4"	23.00	26.80	25.70	29.50	8'-9" - 9'-0"	52.00	58.30	56.50	62.80
5' 4" - 5' 6"	24.00	27.80	26.75	30.55	9'-0" - 9'-6"	56.00	64.80	60.75	69.55
5' 6" - 5' 8"	25.00	28.80	27.80	31.60	9'-6" - 10'-0"	60.00	68.20	65.00	73.80
5' 8" - 5' 10"	26.00	29.80	28.90	32.70	10'-0" - 10'-6"	64.00	72.80	69.25	78.05
5' 10" - 6' 0"	27.00	30.80	30.15	33.95	10'-6" - 11'-0"	70.00	78.80	75.50	84.30
6' 0" - 6' 3"	29.00	35.30	32.15	38.45	11'-0" - 11'-6"	76.00	84.80	81.75	90.55
6' 3" - 6' 6"	31.00	37.30	34.25	40.55	11'-6" - 12'-0"	84.00	92.80	90.00	98.80
6' 6" - 6' 9"	35.00	39.30	36.35	42.65					

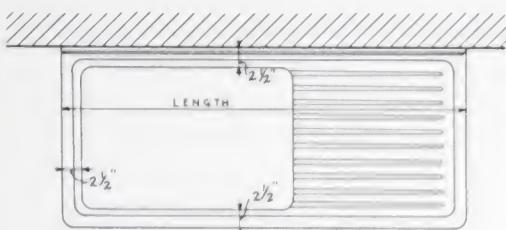
DRAWINGS OF SLATE SINK TOPS ~ TYPE B



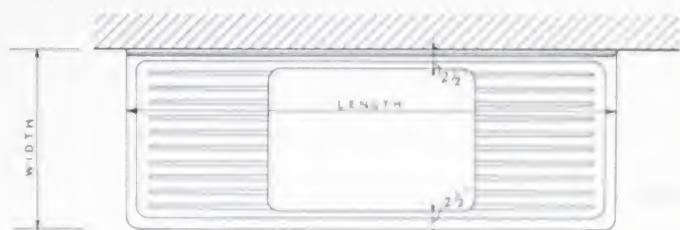
FRONT ELEVATION ~ TYPE B-1



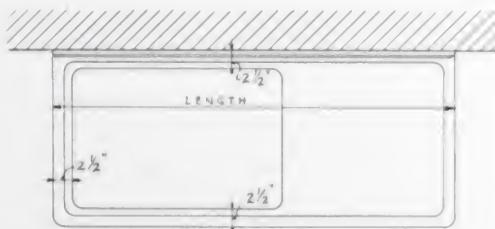
FRONT ELEVATION ~ TYPE B-2



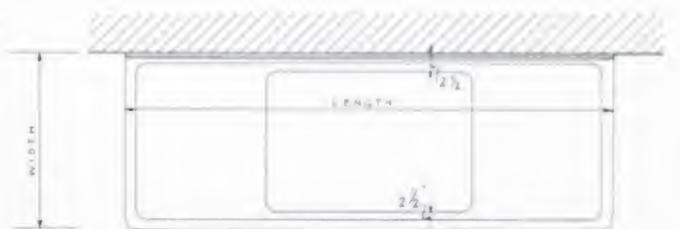
PLAN ~ TYPE B-1



PLAN ~ TYPE B-2



PLAN ~ TYPE B-1, ALTERNATE



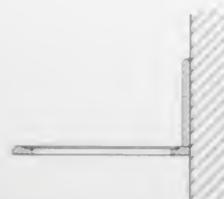
PLAN ~ TYPE B-2, ALTERNATE



LONGITUDINAL SECTION ~ TYPE B-1



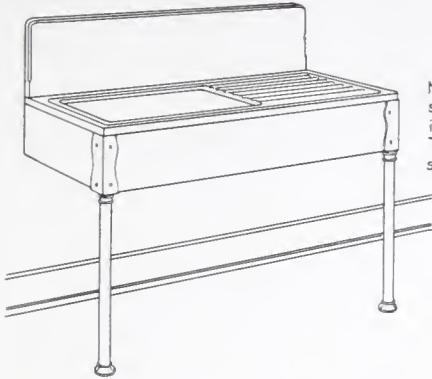
LONGITUDINAL SECTION ~ TYPE B-2



SECTION

1/2" Thick
TYPE B-1
TYPE B-2
4.80
6.90
9.05
2.15
4.30
6.45
8.55
0.65
2.80
9.55
3.80
8.05
8.30
0.55
8.80

SLATE SINK TOPS ~ PYRAMID TYPE C



NOTE: The supports shown here are for illustration only. The kind to be used should be specified.



TYPE C1.
SHOWING REGULAR TYPE DRAINBOARD

TYPE C2 ALTERNATE
SHOWING ALTERNATE TYPE DRAINBOARD

DESCRIPTION OF PYRAMID TYPE C SINK TOPS

Slate drain-boards are in one piece, $1\frac{1}{4}$ " thick, with 1" thick aprons at front and ends and 1" thick slate back. Type C1 has drain-board on one side only; Type C2 has drain-board both sides of sink opening. Regular drain-board has countersinking and grooves. Alternate type drain-board is countersunk only.

Unless otherwise specified, Sink Tops will be furnished in Ribbon stock, with all exposed surfaces Standard Sand Rubbed, and with all arrises or sharp corners finished smooth.

All required angles, screws, bolts and nuts are included and will be furnished of brass nickel plated, if exposed. All screws are leaded in and covered.

Alternate Type will be furnished only when specified as Type C1 Alternate or Type C2 Alternate.

Type C1 and C2 Sink Tops and Alternates, as illustrated and priced, with weight given in pounds, include all slate, drilling of holes and fittings for a complete installation as described, but do not include legs, frames or brackets for supports or the water supplies, faucets, drains or plumbing equipment.

NOTE: Any supports, fittings, trimmings and accessories other than the angles, screws, bolts and nuts required for construction may be selected from Chapter 4 on Fittings or from other sources and should be specified accordingly.

RIBBON STOCK ~ STANDARD SAND RUBBED FINISH

SINK TOPS WITH APRONS	DRAINBOARD $1\frac{1}{4}$ " THICK		DRAINBOARD $1\frac{1}{2}$ " THICK		SINK TOPS WITH APRONS	DRAINBOARD $1\frac{1}{4}$ " THICK		DRAINBOARD $1\frac{1}{2}$ " THICK	
	C1-ALTERNATE C2-ALTERNATE	TYPE C1 TYPE C2	C1-ALTERNATE C2-ALTERNATE	TYPE C1 TYPE C2		C1-ALTERNATE C2-ALTERNATE	TYPE C1 TYPE C2	C1-ALTERNATE C2-ALTERNATE	TYPE C1 TYPE C2
UP TO 4'-0"	\$ 19.25	\$ 23.00	\$ 21.25	\$ 25.00	6'-9" TO 7'-0"	\$ 40.50	\$ 46.75	\$ 44.00	\$ 50.25
4'-0" " 4'-2"	20.25	24.00	22.25	26.00	7'-0" " 7'-3"	42.75	49.25	46.50	52.75
4'-2" " 4'-4"	21.25	25.00	23.50	27.25	7'-3" " 7'-6"	45.00	51.25	48.75	55.00
4'-4" " 4'-6"	22.25	26.00	24.50	28.50	7'-6" " 7'-9"	48.00	54.50	52.00	58.25
4'-6" " 4'-8"	23.50	27.00	25.75	29.50	7'-9" " 8'-0"	50.25	56.50	54.25	60.50
4'-8" " 4'-10"	24.50	28.25	26.75	30.75	8'-0" " 8'-3"	52.75	59.25	57.00	63.50
4'-10" " 5'-0"	25.50	29.25	28.00	31.75	8'-3" " 8'-6"	55.00	61.50	59.25	65.50
5'-0" " 5'-2"	26.50	30.25	29.00	33.00	8'-6" " 8'-9"	57.25	63.50	61.50	67.75
5'-2" " 5'-4"	27.50	31.50	30.25	34.00	8'-9" " 9'-0"	59.25	65.50	63.75	70.25
5'-4" " 5'-6"	28.75	32.50	31.25	35.25	9'-0" " 9'-6"	65.00	73.75	69.75	78.50
5'-6" " 5'-8"	29.75	33.50	32.50	36.25	9'-6" " 10'-0"	69.25	78.00	74.25	83.00
5'-8" " 5'-10"	30.75	34.50	33.75	37.50	10'-0" " 10'-6"	75.00	83.75	80.25	89.00
5'-10" " 6'-0"	31.75	35.50	35.00	38.75	10'-6" " 11'-0"	81.50	90.25	86.75	95.75
6'-0" " 6'-3"	34.25	40.50	37.50	43.75	11'-0" " 11'-6"	89.75	98.50	95.50	104.25
6'-3" " 6'-6"	36.25	42.50	39.50	46.00	11'-6" " 12'-0"	98.25	107.00	104.25	113.00
6'-6" " 6'-9"	38.25	44.75	41.75	48.00					

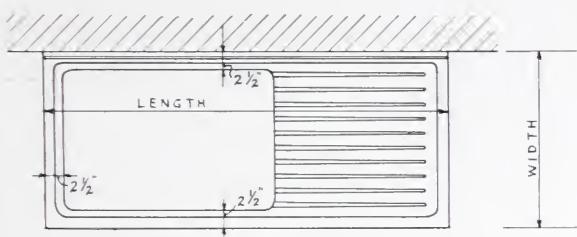
C DRAWINGS OF SLATE SINK TOPS ~ TYPE C



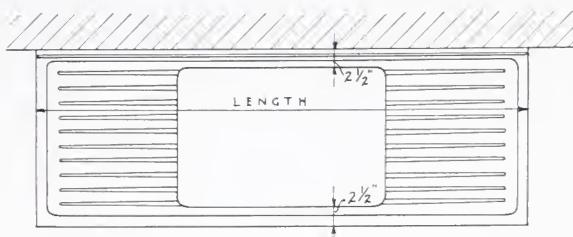
FRONT ELEVATION TYPE C1



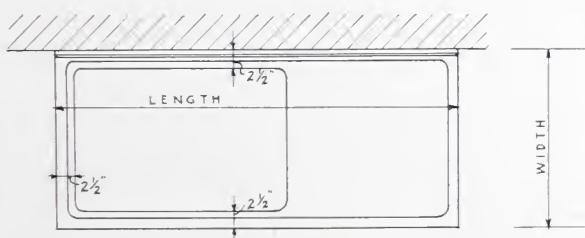
FRONT ELEVATION TYPE C2.



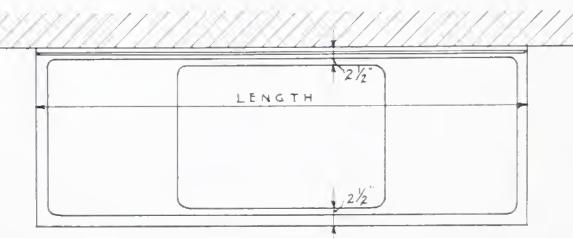
PLAN TYPE C1.



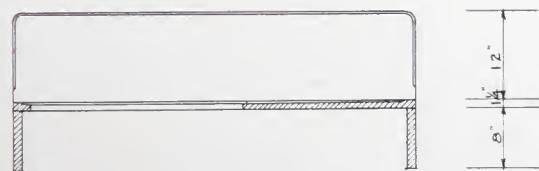
PLAN TYPE C2



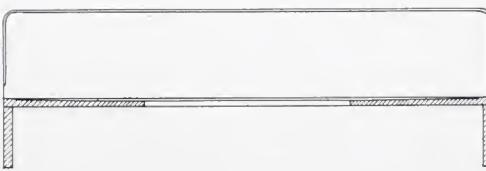
PLAN TYPE C1 ALTERNATE



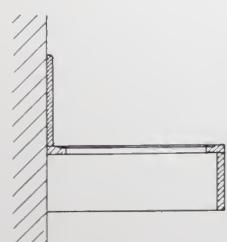
PLAN TYPE C2 ALTERNATE



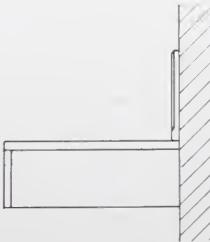
LONGITUDINAL SECTION TYPE C1



LONGITUDINAL SECTION TYPE C2



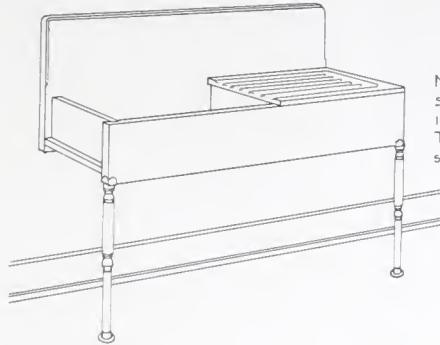
CROSS SECTION TYPES C1 & C2.



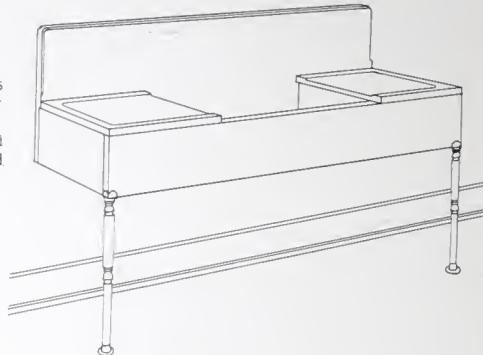
END ELEVATION TYPES C1 & C2

1/2" thick
Type C1
Type C2
50 25
52 75
55 00
58 25
60 50
63 50
65 50
67 75
70 25
78 50
83 00
85 00
88 75
93 25
94 25
13 00

SLATE SINKS PYRAMID TYPE D



NOTE-The supports shown here are for illustration only. The kind to be used should be specified



TYPE D1.
SHOWING REGULAR TYPE DRAINBOARD

TYPE D2-ALTERNATE
SHOWING ALTERNATE TYPE DRAINBOARD

DESCRIPTION OF PYRAMID TYPE D SINKS

Slate drain-boards are in one piece, $1\frac{1}{4}$ " thick, with $1\frac{1}{4}$ " thick slate for front. Bottom, ends and back of sink let into each other. Separate aprons under drain-board at end are 1" thick. Type D1 has drain-board on one side only; Type D2 has drain-board both sides of sink opening. Regular drain-board has countersinking and grooves. Alternate type drain-board is countersunk only.

Unless otherwise specified, sinks will be furnished in Ribbon stock, with all exposed surfaces Standard Sand Rubbed, and with all arrises or sharp corners finished smooth.

All required angles, screws, bolts and nuts are included and will be furnished of brass nickel plated, if exposed. All screws are leaded in and covered.

Alternate type will be furnished only when specified as Type D1 Alternate or Type D2 Alternate.

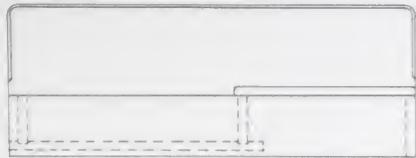
Type D1 and D2 sinks and Alternates as illustrated and priced, with weight given in pounds, include all slate, drilling of holes and fittings for a complete installation as described, but do not include legs, frames or brackets for supports or the water supplies, faucets, drains or plumbing equipment.

NOTE: Any supports, fittings, trimmings and accessories other than the angles, screws, bolts and nuts required for construction may be selected from Chapter 4 on Fittings or from other sources and should be specified accordingly.

RIBBON STOCK STANDARD SAND RUBBED FINISH

SIZE OF SINK	DI-ALTERNATE PLAIN COUNTERSUNK	TYPE D1 COUNTERSUNK & FLUTED		D2 ALTERNATE PLAIN COUNTERSUNK	TYPE D2 COUNTERSUNK & FLUTED		SIZE OF SINK
18 X 24	\$16.50	\$18.75	345 LBS	\$21.00	\$24.25	450 LBS	18 X 24
18 X 30	17.50	19.75	385	22.00	25.25	485	18 X 30
20 X 30	18.00	20.50	405	22.75	26.25	520	20 X 30
20 X 36	19.25	21.75	440	24.50	28.00	555	20 X 36
20 X 40	20.25	22.75	465	26.25	29.75	580	20 X 40
22 X 30	18.75	21.50	425	24.00	28.00	545	22 X 30
22 X 36	20.25	23.00	465	25.25	29.25	585	22 X 36
22 X 42	21.50	24.25	505	27.75	31.75	625	22 X 42
24 X 30	19.75	22.75	445	25.00	29.25	570	24 X 30
24 X 36	21.00	24.00	485	26.50	30.75	610	24 X 36
24 X 48	22.50	25.50	570	30.25	34.50	695	24 X 48

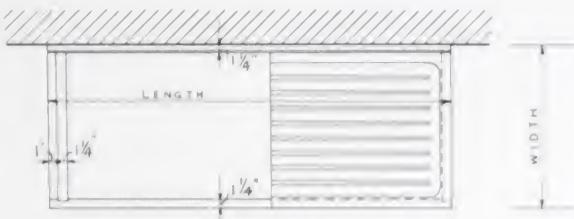
DRAWINGS OF SLATE SINKS ~ TYPE D



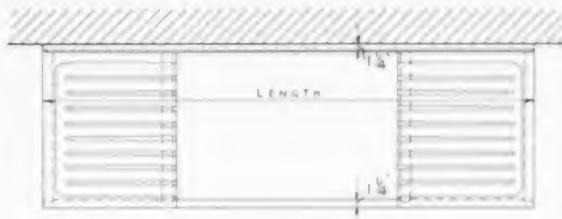
FRONT ELEVATION~TYPE D-1



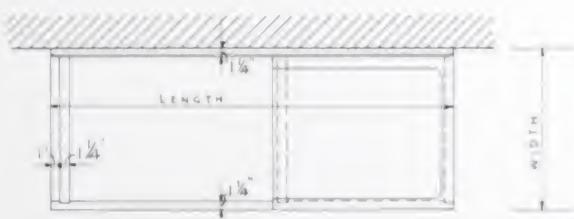
FRONT ELEVATION~TYPE D-2



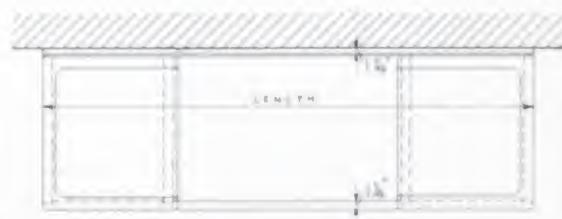
PLAN~TYPE D-1



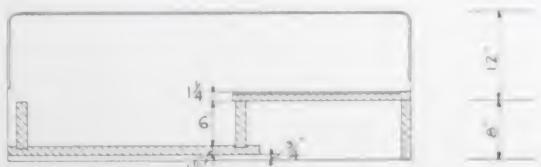
PLAN~TYPE D-2



PLAN~TYPE D-1, ALTERNATE



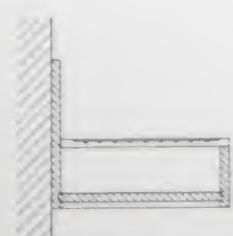
PLAN~TYPE D-2, ALTERNATE



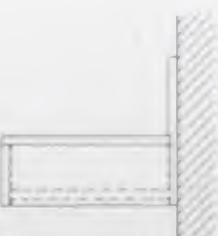
LONGITUDINAL SECTION~TYPE D-1



LONGITUDINAL SECTION~TYPE D-2

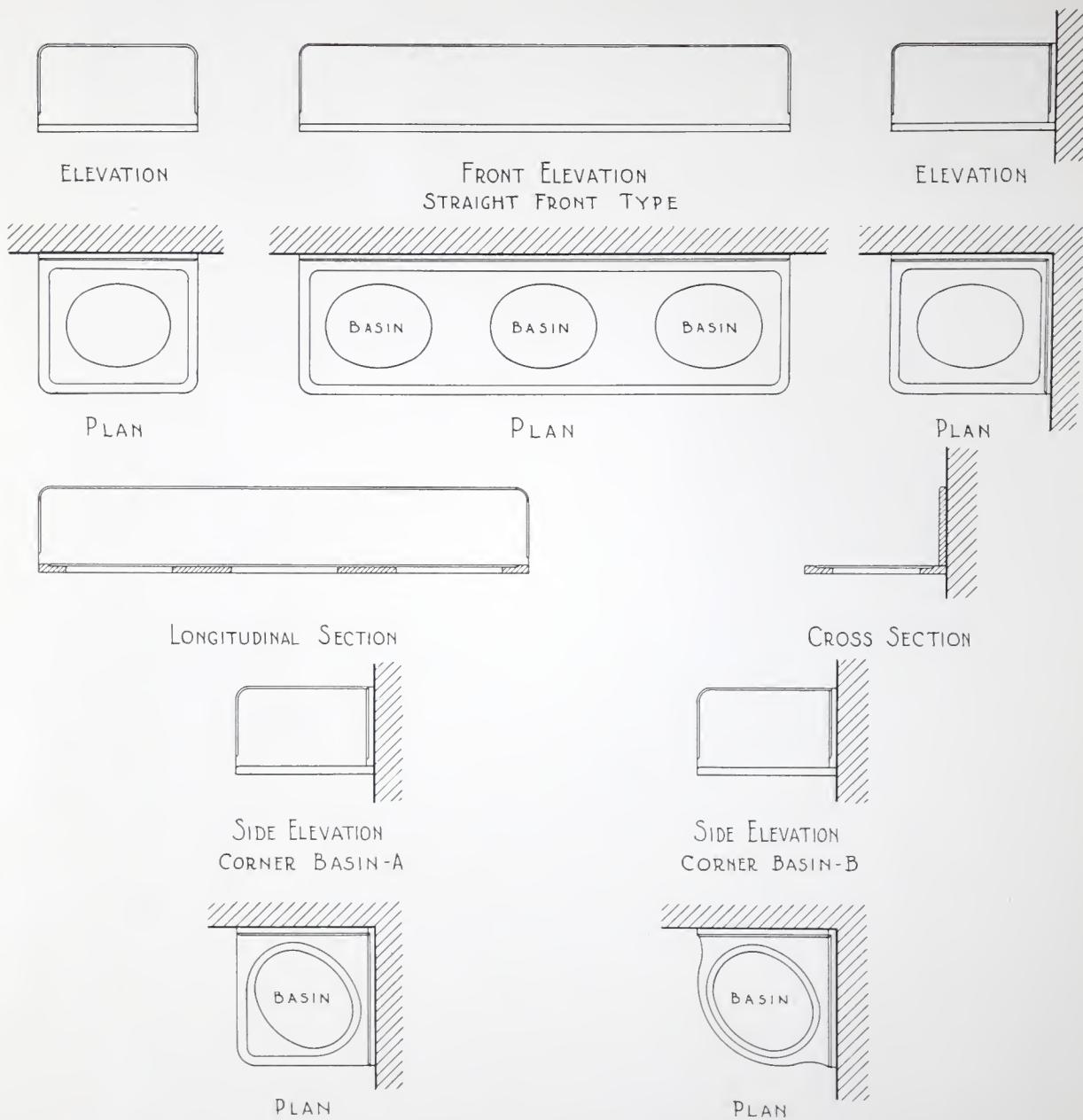


CROSS SECTION~TYPES D1&D2



END ELEVATION~TYPES D1&D2

DRAWINGS OF SLATE LAVATORY TOPS



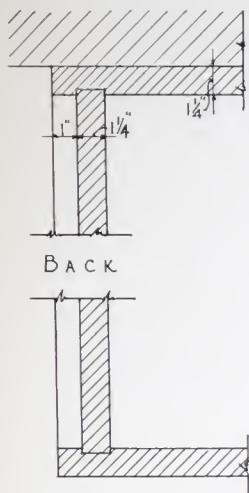
DESCRIPTION OF PYRAMID SLATE LAVATORY TOPS

Slate Lavatory Tops are made of 1" to 1½" thickness slate as required by dimensions of top and number of openings. Single basin tops are 1" thick. Backs and ends are of slate, 1" thick with chamfered top and ends. Openings are cut out to suit type of fixture used.

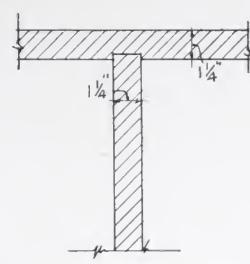
Unless otherwise specified, Lavatory tops will be furnished in Ribbon stock with all exposed surfaces Standard Sand Rubbed and with all arrises or sharp corners finished smooth.

All prices on Lavatory Tops are made up in accordance with requirements and will include all angles, screws, bolts and nuts required for construction, but no basins, faucets or other plumbing equipment and accessories.

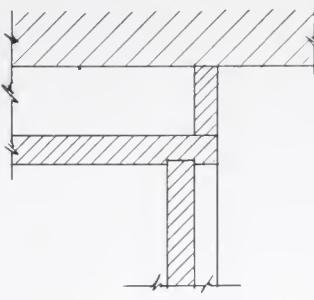
TYPICAL DETAILS OF PYRAMID TYPE LAUNDRY TUBS



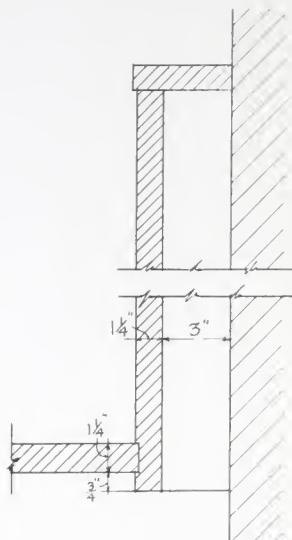
PLAN OF END



PLAN OF PARTITION



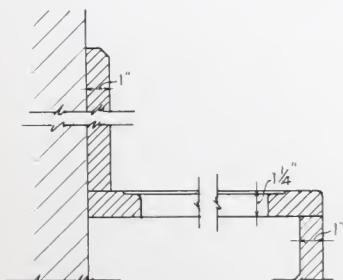
PLAN OF PIPE SPACE
TYPE C



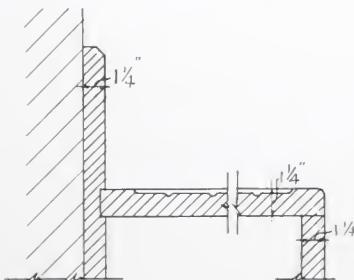
SECTION THROUGH PIPE SPACE
TYPE C

CROSS SECTION THROUGH TUB

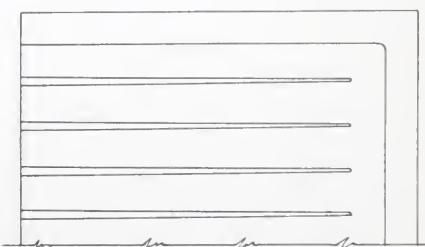
TYPICAL DETAILS OF PYRAMID TYPE SLATE SINKS



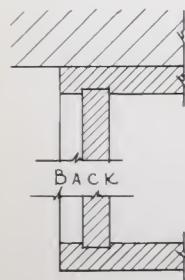
SECTION THROUGH SINK TOP
TYPES C1 & C2.



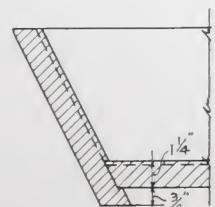
CROSS SECTION THROUGH DRAIN BOARD
TYPES D1 & D2.



PLAN OF DRAIN BOARD
ALTERNATE TYPE HAS COUNTERSINKING BUT NO GROOVES



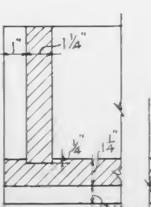
FRONT
PLAN OF END
TYPES A1, A2 & D1.



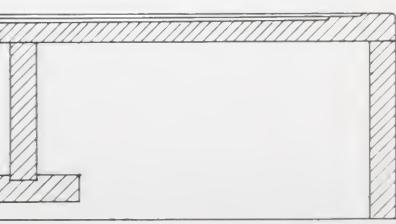
SECTIONS THROUGH FRONTS.
TYPE A1.



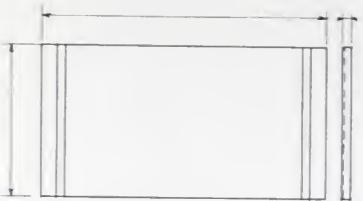
SECTION THROUGH END.
TYPES A2, D1 & D2.



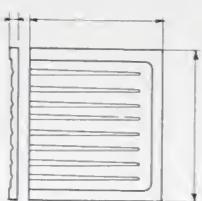
LONGITUDINAL SECTION
THROUGH DRAIN BOARD
TYPE D2.



TYPICAL SHOP DRAWING OF SLATE SINK (D-2)



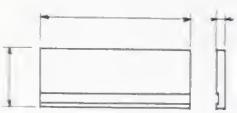
SINK BOTTOM 1



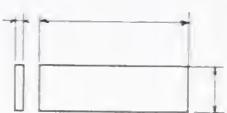
DRAINBOARDS 2



BACK 1



ENDS 2

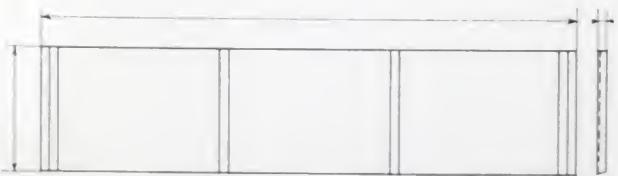


SINK ENDS 2

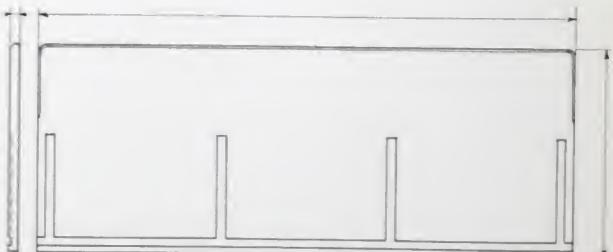


FRONT 1

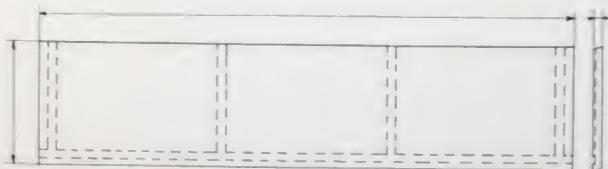
TYPICAL SHOP DRAWING OF LAUNDRY TUB (B)



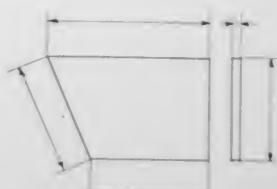
BOTTOM 1



BACK 1



FRONT



PARTITIONS 2
AND ENDS 2

Height from
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industrial buildin
lance for drawin

Type A: This
or enameled iron
other places where

Type B: Sink
can be furnished

Type C: Sink
the sink, thus for

Type D: All
under drain
the sink as well

On page 20
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bowls. No pric
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All of the
See Chapters 1
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(a) Laundry
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Height from floor: The location of Sinks in the building depends, of course, on the space provided and their use. In the home, for ordinary household work, Sinks have heretofore been set too low. This has tended to make their use back-breaking drudgery. The height may vary from 2' 6" to 3' 0", depending upon local practice. Our recommendation for the height which experience has shown to be more nearly correct than any other is 2' 10" from the floor. In hospitals it should be 3' 0". In industrial buildings 2' 6" is best in order to provide room for placing buckets or apparatus under the faucet for drawing of water.

Type A: This is the most economical type of all-slate sink. It can be used in conjunction with slate, wood or enameled iron drain-board if desired. It is primarily intended for use in Hospitals, Garages, Factories and other places where the sink alone is required and where it is subjected to rough usage, acids, etc.

Type B: Sink top, without apron, for use with sinks of enameled or galvanized iron or any other material. Can be furnished in either type of drain-board, both single and double.

Type C: Sink top similar to Type B, except with apron at front and ends to cover the exposed outside of the sink, thus forming a more complete installation.

Type D: All slate type sinks, furnished in both types of drain-boards, single or double. Front of sink continued under drain-board as apron, with slate aprons at each end. Back is of slate, in one piece, forming the back of the sink as well as the splash board.

LAVATORY TOPS

On page 20 will be found drawings of slate lavatory tops. These are used in industrial establishments, schools, garages, etc. They are economical, easily installed and can be kept clean without difficulty. They are usually installed in connection with galvanized or enameled iron lavatory bowls. No prices or sizes are given in connection with this type, as the size of top and the dimension and shape of opening are governed by the special requirements in each case.

SURFACES AND FINISH

All of the slate slabs used in Laundry Tubs, Sinks and Sink Tops are of selected ribbon stock. (See Chapters 1 and 2 for descriptions of Structural Slate stock.) The surfaces are all furnished with a standard sand-rubbed finish as described and illustrated in Chapter 1. All corners have the arrises or sharp edges taken off, and backs are chamfered as shown on drawings.

If clear stock or honed finish is required this must be distinctly specified, as otherwise the standardized types will be provided as described within this Chapter.

There will be no oil or other finish upon the slate as supplied by the slate producers. All drilling of holes for fittings and all fittings are included, but no plumbing pipes, faucets, strainers, brackets or legs are supplied. If desired, they may be selected from Chapter 4 entitled "Fittings, Trimmings and Accessories" and specified accordingly and the cost of the fittings added to the price given for the fixture itself.

NOTE.—The prices stated within this Chapter are list prices, as is usual with industrial products, and are subject to discounts or additions. They serve also to show the approximate relative differences in cost between the various types.

SUGGESTED FORM OF SPECIFICATION FOR SLATE LAUNDRY TUBS AND SINKS

In the majority of cases it is probable that Laundry Tubs, Sinks and Sink Tops are specified under "Plumbing" in conjunction with the balance of the Plumbing fixtures. Where there is considerable slate work, such as W. C. Enclosures, Shower Stalls or Urinals, it is possible that they may be included with that portion of the work.

In either case, the same form of specification may be used, except that the plumbing supplies should be included within the plumbing work even though the slate is separately furnished by a slate contractor. In Chapter 2 of this series there is a basic specification for the furnishing and erection of all types of structural slate installations, including as a part of the specification a form of General Conditions. The brief form of this General Condition, together with more detailed data as to the specifying of slate work may be secured by reference to that Chapter. Otherwise the following suggested form is sufficient for Laundry Tubs, Sinks and Sink Tops.

FOR HOUSES, ETC.

(a) *Laundry Tubs:* In Laundry place one three-part Type B Size No. 1, Slate Laundry Tub as illustrated and described on Pages 6 and 7 in Chapter 8 of a Series on Structural Slate, issued June 30, 1921, by the Structural Slate Co., Pen Argyl, Penna. To have $\frac{3}{4}$ " hot and cold supplies with No. quick opening N. P. faucets and continuous waste with plugs and No. tray frames, all as shown in Chapter 4 of the same series. All slate to have oiled finish.

(b) *Sinks:* In Kitchen place one 24" x 48" Type C slate sink top with double drain-board as shown on Pages 16 and 17 of Chapter 8. Sink to be of size with hot and cold supplies with (here specify type of faucets and strainer) and No. sink legs or No. brackets all as shown in Chapter 4. All slate to have oiled finish.

FOR INDUSTRIAL BUILDINGS, ETC.

(c) *Sinks:* In Chemical Laboratory place where shown on drawings 20" x 30" slate sinks Type A, as illustrated and described on Pages 12 and 13 of Chapter 8 of a Series on Structural Slate, issued June 30, 1921, by the Structural Slate Company, Pen Argyl, Penna. To have hot and cold supplies with (here describe type of faucets and drains) and legs No., or brackets No., as shown in Chapter 4 of the same Series. All slate to have oiled finish.

(d) In Lavatory on 3d floor place one 22" x 36" slate sink Type D alternate as illustrated and priced on Pages 15 and 19 of Chapter 8. To have hot and cold supplies with (here describe type of faucets and drain) and legs No., or brackets No., as shown in Chapter 4. All slate to have oiled finish.

(e) *Lavatory Tops:* In Wash Rooms on 1st, 2d and 3d floors place slate lavatory tops with slate backs, of the number and sizes shown on drawings. To be as illustrated and described on page 20 of Chapter 8. Basins to be size with hot and cold supplies with (here describe type of faucets and drains). Slate top to be supported by brackets No., or Legs No., as shown in Chapter 4. All slate to have oiled finish.

(f) Where it is desired to use the Standardized Type of Sink, but of a size not included in this Chapter, the following form of paragraph is suggested:

(g) Same as paragraph (c), except change size of sink to be

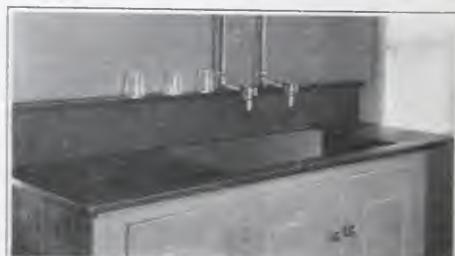
SUGGESTED USES



The two methods of installing slate sinks in kitchens shown on this page are examples illustrating how the convenience in the use of both the fixture and the room has been increased by the location of the sink and the surrounding work. In one case a shallow slate shelf is placed on top of the slate back and wood cupboards with doors are put under the sink. The other cut shows wood dressers with doors built in above the sink and cupboards with doors below, the entire fixture being covered in so that only the necessary working space on top is left exposed.

The adaptability of the slate installations to any size space or to any complicated requirement is such as to especially recommend its use in the Kitchens of Hotels, Clubs, Restaurants, etc. Special combinations of slate shelving in connection with slate washboard and floors would make such rooms completely vermin proof and easily kept clean.

In the Diet Kitchens of Hospitals where all kinds of food must be quickly and constantly prepared and where a material which is easily kept clean and must be durable is essential, the slate sink or sink top is of especial value.



THE COMPANY'S SERVICE

The Structural Slate Company will appreciate the opportunity to present to Architects, Constructors and others such additional information or data as may be desired. For this purpose the services of their officers and representatives and of their corps of specialists in slate production and equipment is placed at the disposal of all specifiers and users of slate.

Additional copies of this or any of the other Chapters and any information desired in connection with Structural Slate may be secured by application to



The Structural Slate Company

Pen Argyl, Pennsylvania